

# Science and engineering profile: Illinois

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	24,110	620,140	7
S&E doctorates awarded, 2007	1,519	31,801	5
Engineering (%)	25	24	–
Life sciences (%)	23	26	–
Social sciences (%)	15	14	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,459	49,201	8
SEH graduate students in doctorate-granting institutions, 2006	25,639	542,073	6
Population, 2008 (thousands)	12,902	308,014	5
Civilian labor force, 2008 (thousands)	6,697	155,366	5
Personal income per capita, 2007 (dollars)	41,012	38,615	14
Federal spending			
Total expenditures, 2007 (\$millions)	88,669	2,532,073	8
R&D obligations, 2006 (\$millions)	1,976	107,545	17
Total R&D performance, 2006 (\$millions)	13,609	335,377	8
Industry R&D, 2006 (\$millions)	10,765	243,853	7
Academic R&D, 2007 (\$millions)	1,867	49,406	8
Life sciences (%)	62	60	–
Engineering (%)	13	15	–
Physical sciences (%)	9	8	–
SBIR awards, 2000–07	688	44,157	17
Utility patents issued to state residents, 2008	2,741	77,493	7
Gross domestic product, 2007 (\$billions)	610	13,832	5

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

## Federal obligations for research and development, by agency and performer: Illinois, FY 2006 (Thousands of dollars)

Agency	Performer						Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	
All agencies	1,975,552	107,550	572,946	277,823	920,899	91,055	17
Department of Agriculture	62,853	39,229	0	67	23,368	189	8
Department of Commerce	4,121	117	29	1,658	2,317	0	23
Department of Defense	286,512	64,340	4,871	155,174	57,441	4,686	25
Department of Energy	605,010	1,231	547,004	6,152	46,789	3,658	4
Department of Health and Human Services	727,047	118	12,209	21,693	613,894	75,409	9
Department of Homeland Security	88,061	1,031	8,249	76,522	1,343	0	8
Department of the Interior	1,602	1,061	357	0	184	0	46
Department of Transportation	9,217	423	0	6,300	1,149	1,325	13
Environmental Protection Agency	1,370	0	0	70	955	345	26
National Aeronautics and Space Administration	19,583	0	0	7,812	11,305	128	24
National Science Foundation	170,176	0	227	2,375	162,154	5,315	5
Rank	17	24	4	22	8	13	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."